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1      TITLE DUMPIT
2      /
3      REDAC SOFTWARE LIMITED
4      /
5      /1 SUITE      : P.C.B. LAYOUT
6      /2 PROGRAM TITLE : REDAL 3 MK5
7      /3 ROUTINE TITLE : DUMPIT
8      /
9      THIS PROGRAM SOURCE FILE IS SUPPLIED IN CONFIDENCE TO THE
10     CUSTOMER; THE CONTENTS OR DETAILS OF ITS OPERATION MAY
11     ONLY BE DISCLOSED TO PERSONS EMPLOYED BY THE CUSTOMER WHO
12     REQUIRE A KNOWLEDGE OF THE SOFTWARE CODING TO CARRY OUT
13     THEIR JOB. DISCLOSURE TO ANY OTHER PERSON MUST HAVE PRIOR
14     AUTHORISATION FROM THE DIRECTORS OF REDAC SOFTWARE LIMITED.
15     /
16     /4 AUTHOR:
17     /5 DATE  : DEC 1974
18     /
19     /6 PURPOSE: TO DUMP PART OF THE DATA STRUCTURE TO THE T.T.
20     /
21     /7 CALL SEQUENCE AND DESCRIPTION OF ARGUMENTS
22     /      CALL DUMPIT(SPOT,NUMB)
23     /      SPOT - START OF DATA TO BE OUTPUT
24     /      NUMB - NO OF WORDS TO BE DUMPED
25     /
26     /8 I10 DEVICES AND FUNCTIONS:
27     /      DAT SLOT 4 - OUTPUT TO THE T.T.
28     /
29     /9 REGISTERS USED: AIR 14,15,16,AC
30     /
31     /12 GLOBALS
32     /      .GLOBL .DA,DUMPIT
33     /
34     .EJECT

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PAGE	2	DUMPIT	SRC	DUMPIT
35		00000	R 740040 A	DUMPIT XX
36		00001	R 120230 E	JMS* .DA
37		00002	R 600005 R	JMP .+1+2
38		00003	R 000000 A	SPOT 0
39		00004	R 000000 A	NUMB 0
40		00005	R 220003 R	LAC* SPOT
41		00006	R 040003 R	DAC SPOT
42		00007	R 200221 R	LAC FLAG
43		00010	R 740200 A	SZA
44		00011	R 600017 R	JMP NOINIT
45		00012	R 440221 R	ISZ FLAG
46		00013	R	START .INIT 4.1,START
		00013	R 001004 A *G	CAL+1*1000 4&777
		00014	R 000001 A *G	1
		00015	R 000013 R *G	START+0
		00016	R 000000 A *G	0
47		00017	R 200003 R	NOINIT LAC SPOT
48		00020	R 340231 R	TAD (-1
49		00021	R 060232 R	DAC* (14
50		00022	R 220004 R	LAC* NUMB
51		00023	R 740001 A	CMA
52		00024	R 340233 R	TAD (1
53		00025	R 040223 R	DAC CNTR#
54		00026	R 777772 A	LAW -6
55		00027	R 040225 R	DAC FRED# / BUFF WORD COUNT FOR 6010 FORMAT
56		00030	R 200234 R	LAC (BUFF+1
57		00031	R 060235 R	DAC* (15
58		00032	R 200236 R	LUP2 LAC (BUILD-1
59		00033	R 060237 R	DAC* (16
60		00034	R 200240 R	LAC (40
61		00035	R 060016 A	DAC* 16
62		00036	R 060016 A	DAC* 16
63		00037	R 060016 A	DAC* 16
64		00040	R 060016 A	DAC* 16
65		00041	R 220014 A	LAC* 14
66		00042	R 652000 A	LMQ
67		00043	R 777772 A	LAW -6
68		00044	R 040224 R	DAC CNT1#
69		00045	R 754000 A	LUP3 CLL!CLA
70		00046	R 660603 A	LLSS 3
71		00047	R 340241 R	TAD (60
72		00050	R 060016 A	DAC* 16
73		00051	R 440224 R	ISZ CNT1
74		00052	R 600045 R	JMP LUP3
75		00053	R 100063 R	JMS DECODE / SET UP FOR ASCII
76		00054	R 440225 R	ISZ FRED
77		00055	R 741000 A	SKP
78		00056	R 600122 R	JMP BUFULL
79		00057	R 440223 R	ISZ CNTR
80		00060	R 600032 R	JMP LUP2
81		00061	R 100133 R	JMS OUTPUT
82		00062	R 620000 R	JMP* DUMPIT

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83
84      00063 R 740040 A      DECODE XX
85      00064 R 140226 R      DZM MQST#
86      00065 R 200236 R      LAC (BUILD-1
87      00066 R 060237 R      DAC* (16
88      00067 R 777773 A      LAW -5
89      00070 R 040227 R      DAC ZCNT#
90      00071 R 100077 R      JMS ZLOOPP
91      00072 R 140226 R      DZM MQST
92      00073 R 777773 A      LAW -5
93      00074 R 040227 R      DAC ZCNT
94      00075 R 100077 R      JMS ZLOOPP
95      00076 R 620063 R      JMP* DECODE
96
97      00077 R 740040 A      ZLOOPP XX
98      00100 R 200226 R      ZLOOP LAC MQST
99      00101 R 652000 A      LMQ
100     00102 R 200222 R      LAC ACST#
101     00103 R 744000 A      CLL
102     00104 R 640607 A      LLS 7
103     00105 R 040222 R      DAC ACST
104     00106 R 641002 A      LACQ
105     00107 R 744020 A      RCR
106     00110 R 360016 A      TAD* 16
107     00111 R 744010 A      RCL
108     00112 R 040226 R      DAC MQST
109     00113 R 440227 R      ISZ ZCNT
110     00114 R 600100 R      JMP ZLOOP
111     00115 R 200222 R      LAC ACST
112     00116 R 060015 A      DAC* 15
113     00117 R 200226 R      LAC MQST
114     00120 R 060015 A      DAC* 15
115     00121 R 620077 R      JMP* ZLOOPP
116
117     00122 R 100133 R      BUFULL JMS OUTPUT
118     00123 R 440223 R      ISZ CNTR
119     00124 R 600126 R      JMP MORE
120     00125 R 620000 R      JMP* DUMPIT
121     00126 R 777772 A      MORE LAW -6
122     00127 R 040225 R      DAC FRED
123     00130 R 200234 R      LAC (BUFF+1
124     00131 R 060235 R      DAC* (15
125     00132 R 600032 R      JMP LUP2
126
127     00133 R 740040 A      OUTPUT XX
128     00134 R 200242 R      LAC (64000 / C R IN TOP 7 BITS
129     00135 R 060015 A      DAC* 15
130     .WRITE 4,2,BUFF,34
      00136 R 002004 A *G      CAL+2*1000 4&777
      00137 R 000011 A *G      11
      00140 R 000145 R *G      BUFF
      *G      .DEC

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PAGE	4	DUMPIT SRC	DUMPIT
131		00141 R 777736 A *G	-34 .WAIT 4
		00142 R 000004 A *G	CAL 4&777
132		00143 R 000012 A *G	12
133		00144 R 620133 R	JMP* OUTPUT
134		00145 R 021002 A	BUFF 21002: 0
		00146 R 000000 A	
135		00147 R	.BLOCK 40
136		00207 R	BUILD .BLOCK 12 / 10 WORD UNCODED BUFFER
137		00221 R 000000 A	FLAG 0
138			/
139		000000 A	.END
		00230 R 000230 E *E	
		00231 R 777777 A *L	
		00232 R 000014 A *L	
		00233 R 000001 A *L	
		00234 R 000146 R *L	
		00235 R 000015 A *L	
		00236 R 000206 R *L	
		00237 R 000016 A *L	
		00240 R 000040 A *L	
		00241 R 000060 A *L	
		00242 R 064000 A *L	
		SIZE=00245	NO ERROR LINES

PAGE 5 DUMPIT CROSS REFERENCE

ACST	00222	100	103	111		
BUFF	00145	56	123	130	134*	
BUFULL	00122	78	117*			
BUILD	00207	58	86	136*		
CNTR	00223	53	79	118		
CNT1	00224	68	73			
DECODE	00063	75	84*	95		
DUMPIT	00000	1	32	35*	82	120
FLAG	00221	42	45	137*		
FRED	00225	55	76	122		
LUP2	00032	58*	80	125		
LUP3	00045	69*	74			
MORE	00126	119	121*			
MQST	00226	85	91	98	108	113
NOINIT	00017	44	47*			
NUMB	00004	39*	50			
OUTPUT	00133	81	117	127*	132	
SPOT	00003	38*	40	41	47	
START	00013	46*	46			
ZCNT	00227	89	93	109		
ZLOOP	00100	98*	110			
ZLOOPP	00077	90	94	97*	115	
.DA	00230	32	36			